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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

MCA IV Semester Examinations, August - 2017

CYBER SECURITY

Time: 3hrs

Max.Marks:75

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A

5 × 5 Marks = 25

- 1.a) Write a short notes on cyber stalking. [5]
- b) Discuss the trends in Mobility. [5]
- c) Explain about any two punishments in Cyber Law. [5]
- d) Briefly discuss about Network Forensics. [5]
- e) Explain Web threats for Organization. [5]

PART - B

5 × 10 Marks = 50

2. Explain in detail about the concept of Botnets and its role in cyber security. [10]
- OR**
3. Give some examples to show how criminals plan attacks on social websites data? Explain. [10]
4. Explain the credit card frauds in mobile and wireless computing. [10]
- OR**
5. Describe the various attacks on mobile/cellphones. [10]
6. Discuss the role of digital signatures in the Indian IT Act. [10]
- OR**
7. List and explain challenges to Indian Law and Cybercrime Scenario in India. [10]
8. Explain in detail about the concept of Digital evidence in Cyber Forensics. [10]
- OR**
9. Give an example to explain how forensics analysis is done for Emails. [10]
10. Illustrate in detail about Cost of Cybercrimes and IPR issues. [10]
- OR**
11. Discuss in detail about Security Risks and Perils for Organizations. [10]

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